



P.B.5818 - Patentlaan 2  
2280 HV Rijswijk (ZH)  
☎ +31 70 340 2040  
TX 31651 epo nl  
FAX +31 70 340 3016

Europäisches  
Patentamt

Zweigstelle  
in Den Haag  
Recherchen-  
abteilung

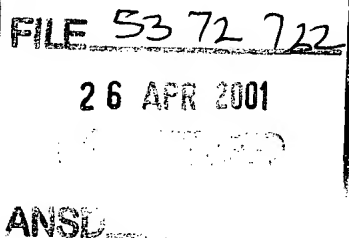
European  
Patent Office

Branch at  
The Hague  
Search  
division

Office européen  
des brevets

Département à  
La Haye  
Division de la  
recherche

Hughes, Andrea Michelle  
Frank B. Dehn & Co.,  
European Patent Attorneys,  
179 Queen Victoria Street  
London EC4V 4EL  
GRANDE BRETAGNE



Datum/Date

26.04.01

Zeichen/Ref./Réf. <b>53.72722</b>	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. <b>00104535.0-2310-</b>
Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Titulaire <b>MEDTRONIC, INC.</b>	

## COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☒ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

☒ abstract

☒ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

4

RECEIVED  
AUG 13 2003  
TECHNOLOGY CENTER R3700

## REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X,D	US 5 772 625 A (JAEGER KEVIN M ET AL) 30 June 1998 (1998-06-30) * column 4, line 63 - column 5, line 10 * * column 5, line 36 * * figure 7 * ----	1-3,6,8, 10-14	A61M27/00
X	US 5 779 674 A (FORD STEVEN) 14 July 1998 (1998-07-14) * column 4, line 53 - column 5, line 16; figure 2 * ----	1-3,6, 8-13	
X	US 4 621 647 A (LOVELAND STEVEN R) 11 November 1986 (1986-11-11) * column 8, line 7 - line 16 * * figure 1B * ----	1,6,8, 10-14	
A	US 4 184 484 A (CLIFFORD SUSAN E ET AL) 22 January 1980 (1980-01-22) * column 4, line 10 - line 17; figure 1 * ----	1-6,10, 13,14	
A	US 4 465 479 A (MEISCH CHARLES E) 14 August 1984 (1984-08-14) * column 2, line 22 - line 38 * * figure 2 * ----	1,4,5	TECHNICAL FIELDS SEARCHED (Int.Cl.7)
A	US 3 776 229 A (MC PHEE C) 4 December 1973 (1973-12-04) * column 4, line 15 - line 22 * * figure 3 * ----	1,8,9	A61M
A	US 5 462 667 A (WOLLINSKY KURT H DR ET AL) 31 October 1995 (1995-10-31) * column 4, line 25 - line 38 * -----	2,8,11	
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>19 April 2001</b>	Examiner <b>Lakkis, A</b>
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

1

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 10 4535

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-04-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5772625 A	30-06-1998	NONE	
US 5779674 A	14-07-1998	AU 2546497 A	26-11-1997
		CA 2249238 A	13-11-1997
		EP 0957951 A	24-11-1999
		JP 2000509620 T	02-08-2000
		WO 9741904 A	13-11-1997
US 4621647 A	11-11-1986	NONE	
US 4184484 A	22-01-1980	NONE	
US 4465479 A	14-08-1984	CA 1184464 A	26-03-1985
		DE 3233944 A	08-03-1984
		JP 59049763 A	22-03-1984
		BR 8201321 A	25-01-1983
		DE 3208850 A	23-09-1982
		ES 263719 Y	16-06-1983
		FR 2501500 A	17-09-1982
		GB 2094635 A,B	22-09-1982
		JP 57160455 A	02-10-1982
		SE 8200766 A	14-09-1982
US 3776229 A	04-12-1973	AU 4725172 A	04-04-1974
		BE 790246 A	15-02-1973
		CA 1000149 A	23-11-1976
		CH 550006 A	14-06-1974
		DE 7236504 U	01-03-1973
		ES 184882 Y	16-06-1974
		FR 2160821 A	06-07-1973
		GB 1383975 A	12-02-1974
		IT 969475 B	30-03-1974
		JP 48063591 A	04-09-1973
		TR 17096 A	25-04-1974
US 5462667 A	31-10-1995	EP 0478842 A	08-04-1992
		AU 646501 B	24-02-1994
		AU 8659191 A	28-04-1992
		CA 2092553 A	06-04-1992
		DE 69128679 D	19-02-1998
		WO 9205864 A	16-04-1992
		EP 0479187 A	08-04-1992
		FI 931506 A	02-04-1993
		IE 913502 A	08-04-1992
		JP 6504941 T	09-06-1994
		KR 187556 B	01-06-1999

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 10 4535

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

19-04-2001

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5462667 A		NO 303768 B	31-08-1998
		PT 99148 A, B	29-10-1993
		RU 2072889 C	10-02-1997
<hr/>			